SEQUENCE OF OPERATIONS:

1. TSI 8650 WILL MODULATE FUME HOOD EXHAUST DAMPERS TO MAINTAIN EXHAUST AIR VELOCITY.
2. ROOM DIFFERENTIAL STATIC PRESSURE SENSOR SHALL MODULATE THE EXHAUST BYPASS DAMPER TO MAINTAIN ROOM AT –0.02" W.C. STATIC PRESSURE RELATIVE TO THE CORRIDOR.
3. VERIFY THAT WHEN FUME HOOD SASH IS FULLY OPEN ROOM WILL MAINTAIN STATIC PRESSURE SETPOINT.
4. VERIFY THAT ROOM TEMPERATURE IS MAINTAINED W/(E) REHEAT CONTROL VALVE.
5. AIR VELOCITY THROUGH FUME HOOD SASH W/24" OPENING SHALL BE CONTROLLED TO 110 (+/–) 10 FPM.

(N) FUME HOOD SCHEDULE				
ROOM	MODEL	UTILITIES	ELECTRICAL	DIMENSIONS
246	ALC 6' HOOD W/ RESTRICTED BYPASS VAV FUME HOOD, MOLDED EPOXY–RESIN LINER & COUNTER TOP, RIGHT–REAR CUP SINK, 2' FLAM CABINET, 2' CORROSIVE CABINET, & 2' SAA AREA. (MODIFY CONSTANT W/BYPASS EXHAUST TO VAV HOOD)	1,320 CFM EXHAUST @ 110 FPM VELOCITY 1.0" WG TSP CA, ICW, & N	LIGHT & 120V GFI DUPLEX (REPLACE TSI 8610 W/ TSI 8650 MONITOR/ CONTROLLER) FIELD INSTALL ONE FOUR–PLEX OUTLETS ON EITHER SIDE OF THE FUME HOOD	72"W x 36"D x 90"H 1,200 POUNDS

EXHAUST FAN SCHEDULE

MARK	MFR.	MODEL	VOLTAGE	RPM	CFM	H.P.	T.S.P.	TYPE	OPER'G. WT. (LBS.)	SERVICE	NOTES
BL–XXX–XX	GREENHECK	10–BISW–41	460	2,571	1,320	3/4	1.0	CENTRIFUGAL	200	FUME HOOD	ALL STRUCTURAL STEEL PARTS PHOSPHATIZED AND COATED W/PERMATECTOR.

LBNL STANDARD
FUME HOOD SCHEDULE

DRAWN BY	DATE
CHECKED BY	
APPROVED BY	
CAD FILE PATH	
SCALE NTS	

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY

FACILITIES DIVISION

DRAWING NO. H128

SHEET

PROJECT NO.

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